

GCCS/DII COE System Integration Support

DII COE Segment Version Description Document (for SYENV Version 1.0.0.4/10.0.2 for Solaris 2.5.1)

May 30, 1997

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Defense Information Infrastructure (DII)
Common Operating Environment (COE)

Segment Version Description Document
Sybase Environment (SYENV)
Version 1.0.0.4/10.0.2 (Solaris 2.5.1)

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Preface

The following conventions are used in this document:

Bold	Used for information that is typed, pressed, or selected in executables and instructions. For example, select connect to host .
<i>Italics</i>	Used for file names, directories, scripts, commands, user IDs, document names, and Bibliography references; and any unusual computerese the first time it is used in text.
<u>Underline</u>	Used for emphasis.
Arrows <>	Used to identify keys on the keyboard. For example <Return>.
“Quotation Marks”	Used to identify informal, computer-generated queries and reports, or coined names; and to clarify a term when it appears for the first time. For example “Data-Generation Report.”
Courier Font	Used to denote anything as it appears on the screen or command lines. For example <code>tar xvf dev/rmt/3mm</code> .
Capitalization	Used to identify keys, screen icons, screen buttons, field, and menu names.

1. Version Description Document (VDD) for SYENV

This document contains a description of the Sybase Environment (SYENV) segment for the Defense Information Infrastructure (DII) for Sun-based machines.

1.1 Scope

1.1.1 Identification

This section contains identification information for the SYENV segment:

Segment Name:	SYENV. This software is released by Sybase.
Version Number:	The Common Operating Environment (COE) version number is Version 1.0.0.4 (V1.0.0.4). The product version number is V10.0.2.
Platform:	Sun platforms with Solaris 2.5.1.

1.2 System Overview

This section contains the system overview for the SYENV segment:

Purpose:	This software is common to both the Sybase server (SYSERV) and Sybase client (SYCLI).
Usage:	This segment prepares the host machine for becoming either a server or client. This segment, SYENV, will make the needed modifications to the operating system including shared memory requirements. After installation the machine will reboot if kernel modifications were made, currently in the HP version no reboot is needed.
References:	Additional information concerning this software can be obtained in the Sybase Users Manual provided by Sybase.

1.3 Product Information

This section contains product information for the SYENV segment:

Product Qualification:	SYENV has been approved for delivery by the DII Engineering Office.
Product Restrictions:	None.

Product Dependencies: None.

2. Referenced Documents

Segment Installation Procedures (IP) - Sybase Environment (SYENV), delivered with V1.0.0.4/10.0.2 for Solaris V2.5.1.

3. Version Description

3.1 Inventory of Materials Released

This section contains the materials released for the SYENV segment:

- C Two 8mm tapes in “tar” format
- C *Version Description Document*
- C List of required commercial off-the-shelf (COTS) licenses
- C *Software Test Description*
- C *System Test Report*
- C *Installation Procedures*
- C Segment Abstract.

3.2 Inventory of Software Contents

Sybase environment V10.0.2 and associated libraries and files. Listed below is a directory/file tree of the segment:

```
./SYENV:
SegDescrip
data

./SYENV/SegDescrip:
DEINSTALL
FilesList
PostInstall
ReleaseNotes
SegInfo
SegName
VERSION
Validated

./SYENV/data:
HP
SPARC
sybase

./SYENV/data/HP:
```

```
partitions
patches

./SYENV/data/HP/partitions:
dummy

./SYENV/data/HP/patches:
dummy

./SYENV/data/SPARC:
partitions
patches

./SYENV/data/SPARC/partitions:
dummy

./SYENV/data/SPARC/patches:
dummy

./SYENV/data/sybase:
SYBASE
bsrv.rs
set_sa_passwd.sql
shut_server.sql
shut_sybase
sqlsrv.rs
```

3.3 Changes Installed

Parameter *shminfo_shmmax* in the */etc/system* file changed to value of 160000000.

3.4 Waivers

The DII Engineering office waived the following documentation:

- C Database Design Document- Not a database segment.
- C Operator's Manual - No longer required.
- C Software Requirements Specification - Not required for COTS software.
- C System Administrator's Manual - No administrative functions to perform.
- C Software User's Manual - No user functions to perform for this segment by itself.
- C Software Test Plan - No requirements for this segment, only used by developers.

3.5 Adaptation Data

Not applicable.

3.6 Installation Instructions

Installation Instructions for this segment are provided in *Segment Installation Procedures (IP) - Sybase Environment (SYENV)* delivered with V1.0.0.4/10.0.2 for Solaris 2.5.1.

3.7 Possible Problems and Known Errors

4. Notes

None.

A. Appendices

None.